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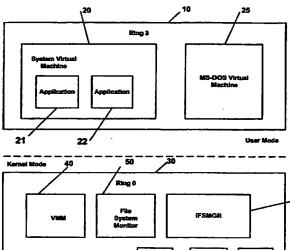
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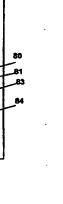
(54) Title: METHOD AND SYSTEM FOR PROVIDING DATA SECURITY IN A FILE SYSTEM MONITOR WITH STACK **POSITIONING**



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Block I/O Subsys

(57) Abstract: A System for providing data security in a first device driver operably installed in a computer operating system having a layered plurality of device drivers (81, 82, 83, 84) for accessing data in a data storage device. The first device driver detects an I/O request, and determines whether the first device driver is functionally uppermost in the layered plurality of device drivers. If the first device driver is functionally uppermost in the layered plurality of device drivers, the method performs the I/O request (80) in the first device driver. If the device driver is not functionally uppermost in the layered plurality of device drivers, the method denies the I/O request in the first device driver, and allows the I/O request to be performed by the next lowest-level driver in the layered plurality of device drivers.



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patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

International application No. PCT/US00/26828

US C. 2713/164, 166; 710/38, 39 Documentation searched classification system followed by classification symbols) U.S.: 713/164, 166; 710/38, 39 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. A,P US 6,044,415 A (FUTRAL et al) 28 March 2000, abstract, column 3 lines 13-41, general disclosure A,P US 5,991,797 A (FUTRAL et al) 23 November 1999, abstract, figure 6, general disclosure Y US 5,613,123 A (TSANG et al) 18 March 1997, abstract, column 2 lines 39-58, column 4 lines 41-67, and column 5 lines 1-30 Y,P US 5,978,856 A (JONES) 02 November 1999, abstract, figure 4, figure 6, figure 8, column 3 lines 38-44 See patent family annex. ** Special exergence of clied documents: ** Us 6,613,123 have been appropriated on or after the international filing date objects of particular relevance to be of particular relevance to be of particular relevance to be of particular relevance of the documents which may throw doubts on printy claim(s) or which is special exergence of the documents which may throw doubts on printy claim(s) or which is special exergence of the documents which may throw doubts on printy claim(s) or which is special exergence of the document referring to an oral disclosure, use, subhition or other may be document specially date of particular relevance describing to general claims or other special exergence of the sectual completion of the international search of the sectu	1	SSIFICATION OF SUBJECT MATTER			
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